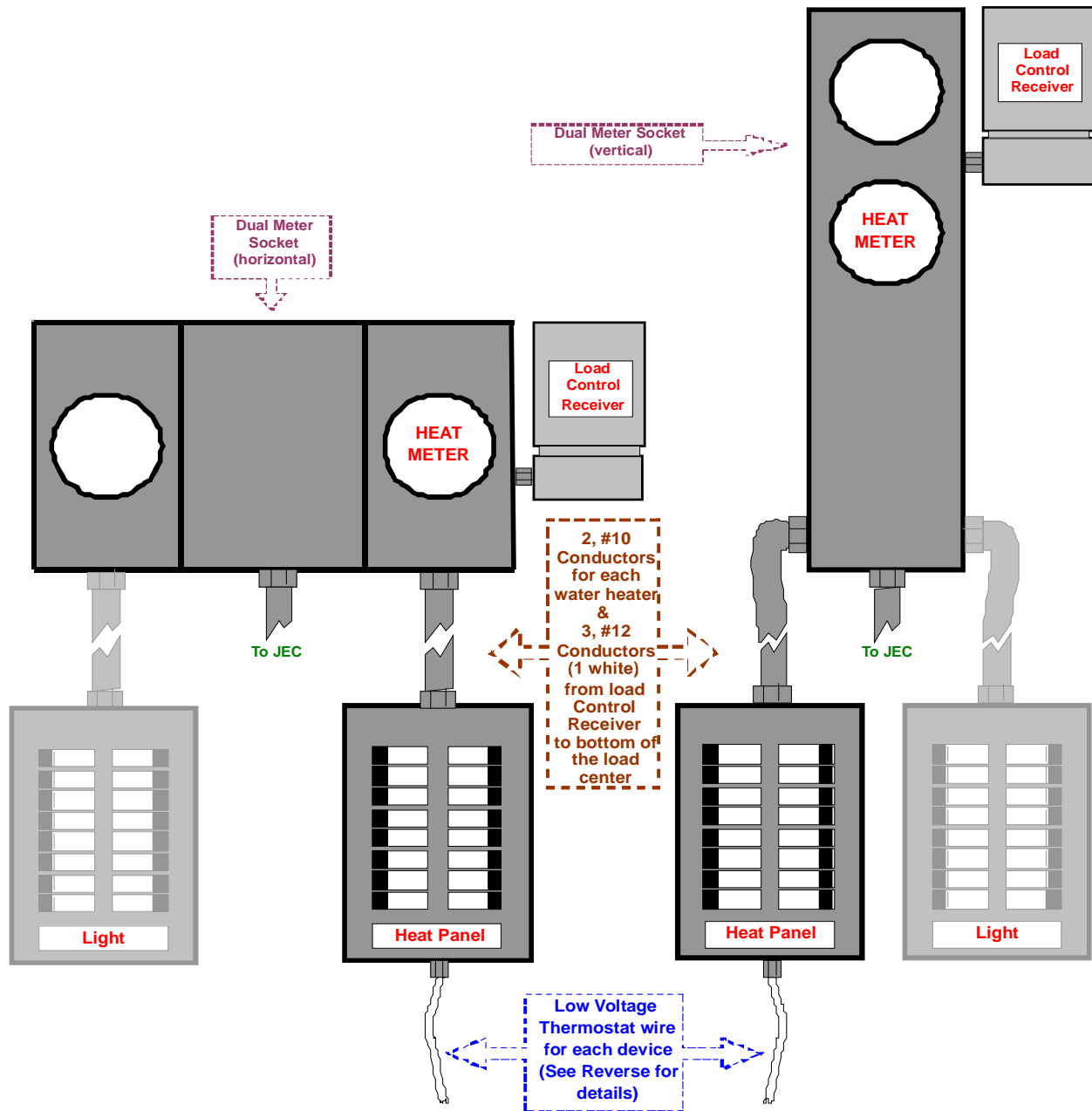


JACKSON ELECTRIC COOPERATIVE DUAL METERING WIRING SPECIFICATIONS

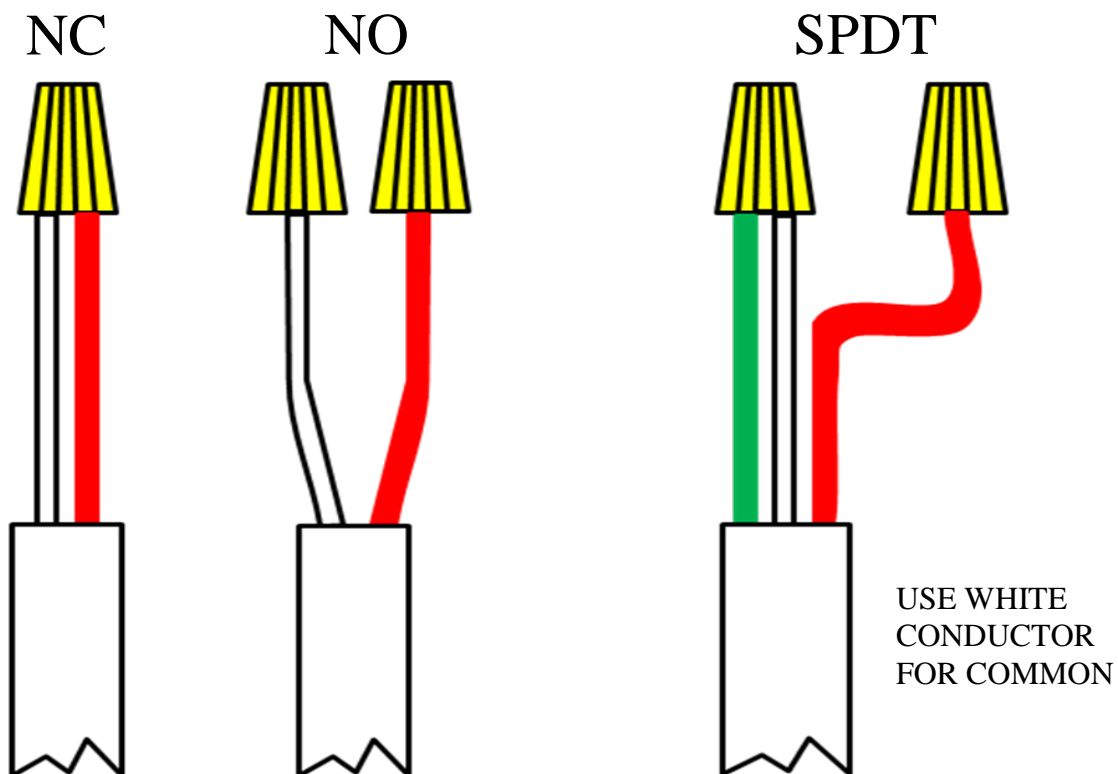
For off-peak metering applications, a load control receiver installed by Jackson Electric Cooperative is required. Please provide wires for that purpose following the wiring guidelines below. Please call for special applications or any systems not listed below.



Low Voltage Control Wires

All electric heating and cooling loads, except those with line-voltage thermostats, shall be controlled by low voltage control wires. Some examples include boilers, plenum heaters, electric furnaces, central air conditioners, heat pumps and heat storage heaters without PLCs (power line carriers). The installing contractor for the heating/cooling system is responsible for the installation of the low voltage wires and the termination of these wires in the heating equipment. These low voltage wires must be in place before Jackson Electric installs the load control receiver. Relay options provide for NC (normally closed), NO (normally open), and SPDT (single pole, double throw) relay contacts.

Run all low voltage control wires from the heating system back to the lower portion of the dual fuel load center. Use wire nuts, as illustrated, to configure the control wires for NC, NO or SPDT until Jackson Electric installs the load control receiver. Use multiple sets of wires/conductors as needed to control all electric heating and cooling loads. Please group and label the conductors for each relay. The common wire for the SPDT relay must be identified.



Line Voltage Thermostats

Heating loads with line-voltage thermostats, up to 20 amps per circuit, can be controlled by the relays provided by Jackson Electric. Circuits in excess of 20 amps require an appropriately sized relay(s) with a 120-volt coil, to be provided, installed and wired by the contractor. Homes with more than four line voltage circuits generally use a contactor installed as part of the metering package in place of individual relays. Contact Jackson Electric Cooperative for contactor details.